**CCO eCoaching DB Unit Test Document**

**Functions**

October 29, 2018

Change History Log

| Date | Revision | Change Description | Author |
| --- | --- | --- | --- |
| 02/20/2015 | 1.0 | SCR- 14375 – Fix bug in Fn that looks up site id from lan id to handle multiple emp ids mapped to lan id | Susmitha Palacherla |
| 03/15/2015 | 2.0 | SCR 14423 – Extend dashboard functionality to senior leadership. | Susmitha Palacherla |
| 06/03/2015 | 3.0 | SCR 14893 – Performance Round 2 (6 functions for consolidating Reasons) | Susmitha Palacherla |
| 04/16/2018 | 4.0 | TFS 7136 – Move submissions to new architecture | Susmitha Palacherla |
| 09/12/2018 | 5.0 | TFS 12063 – Add location to site translation for new Phoenix office | Susmitha Palacherla |
| 10/12/2018 | 6.0 | TFS 12316 – Historical dashboard access for select analysts | Susmitha Palacherla |
| 10/29/2018 | 7.0 | TFS 12467 - Assign Manager Role to WPPM job codes | Susmitha Palacherla |

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## SCR 14375 Fix bug in Fn [EC].[fn\_intGetSiteIDFromLanID]

| Item | Description |
| --- | --- |
| Change Type | Problem Fix |
| Change Description | The function used in Outliers load process that looks up user site ids using the lanid value in the file. In order to find the site for the employee first the employee id of the given lan id is looked up. The current function is not robust enough to handle to the lookup when there are 2 or more open ended employee record to lanid mappings. additional logic will need to be added to handle such scenarios |
| Test Environment | eCoaching\_Dev database on vrivfssdbt02\scord01,1437 |
| Code Modules created/updated | FUNCTION [EC].[fn\_intGetSiteIDFromLanID] |
| Code doc | CCO\_eCoaching\_Functions.sql |
| Notes | if there are multiple open ended employee ids for a given lanid for a given date, the most appropriate employee id should be returned without error. |

| TEST# | ACTION | EXPECTED RESULTS | RESULTS  P/F/I | COMMENTS |
| --- | --- | --- | --- | --- |
| 1. | Run following query to check how many such records exist  DECLARE @intDate INT  SET @intDate = EC.fn\_intDatetime\_to\_YYYYMMDD (getdate())    -- Get count of Employee IDs for given lan ID in the Employe ID To lan ID Table  SELECT LanID, COUNT(EmpID)  FROM EC.EmployeeID\_To\_LanID  WHERE @intDate BETWEEN StartDate AND EndDate  GROUP BY LanID  HAVING COUNT(EmpID)> 1  --query returned 6 such lanids on 02/20/2015  LanID CountEmpID  Adam.Jeppsen 2  Dana.Smallwood 2  Jessica.Wilson 2  John.Norton 2  Stacie.Scottsmith 2  Terri.Fanning 2  Veronica.Stevens 2  Use Fn to lookup site id of any of above lan ids.  SELECT [EC].[fn\_intGetSiteIDFromLanID] ('Stacie.Scottsmith',getdate())  GO | Expected result – 18 --'Stacie.Scottsmith'  Expected result – 5 --'Terri.Fanning' | P |  |
|  | SELECT [EC].[fn\_intGetSiteIDFromLanID] ('Terri.Fanning',getdate())  GO |  |  |  |
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## SCR 14423 Extend dashboard functionality to senior leadership

| Item | Description |
| --- | --- |
| Change Type | New functionality |
| Change Description | Allow senior managers (manager plus level 1, level 2 and level 3) to view the coaching and warning logs of those employees reporting up through the hierarchy to them.  To support the above requirement functions will be created to look up the senior hierarchy as needed since senior hierarchy is not stored on the employee record.  3 new fns will be created  Sr Mgr Lvl 1 – Supervisor of Manager and 999999 if not available  Sr Mgr Lvl 2 – Supervisor of Sr Mgr Lvl 1 and 999999 if not available  Sr Mgr Lvl 3 - Supervisor of Sr Mgr Lvl 2 and 999999 if not available |
| Test Environment | eCoaching\_Dev database on vrivfssdbt02\scord01,1437 |
| Code Modules created/updated | FUNCTION [eCoachingDev].[EC].[fn\_strSrMgrLvl1EmpIDFromEmpID] (EmpID)  FUNCTION [eCoachingDev].[EC].[fn\_strSrMgrLvl2EmpIDFromEmpID] (EmpID)  FUNCTION [eCoachingDev].[EC].[fn\_strSrMgrLvl3EmpIDFromEmpID] (EmpID) |
| Code doc | CCO\_eCoaching\_Functions.sql |
| Notes |  |

| TEST# | ACTION | EXPECTED RESULTS | RESULTS  P/F/I | COMMENTS |
| --- | --- | --- | --- | --- |
| 1. | SELECT [eCoachingDev].[EC].[fn\_strSrMgrLvl1EmpIDFromEmpID] ('345712') | 398185(Hess, John P) | P |  |
| 2. | SELECT [eCoachingDev].[EC].[fn\_strSrMgrLvl1EmpIDFromEmpID] ('234532')  GO | 233566(Cole, Patrice C) | P |  |
| 3. | SELECT [eCoachingDev].[EC].[fn\_strSrMgrLvl2EmpIDFromEmpID] ('345712')  GO | 397469(Dougherty, Eileen M) |  |  |
| 4. | SELECT [eCoachingDev].[EC].[fn\_strSrMgrLvl2EmpIDFromEmpID] ('234532')  GO | 243858(Crockett, Bryan L) | P |  |
| 5. | SELECT [eCoachingDev].[EC].[fn\_strSrMgrLvl3EmpIDFromEmpID] ('345712')  GO | 396121 (unknown) | P |  |
| 6. | SELECT [eCoachingDev].[EC].[fn\_strSrMgrLvl3EmpIDFromEmpID] ('234532')  GO | 399432 (Harkess, David T) | P |  |
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## SCR 144893 Round 2 performance improvements – Consolidating Coaching Reasons

| Item | Description |
| --- | --- |
| Change Type | New functionality |
| Change Description | In historical dashboard, combine multiple Coaching Reasons, sub Coaching Reasons and Values as single strings for a Coaching log with ‘|’ as a separator. |
| Test Environment | eCoaching\_Dev database on vrivfssdbt02\scord01,1437 |
| Code Modules created/updated | [EC].[fn\_strCoachingReasonFromCoachingID](CoachingID)  [EC].[fn\_strSubCoachingReasonFromCoachingID](CoachingID)  [EC].[fn\_strValueFromCoachingID](CoachingID)  [EC].[fn\_strCoachingReasonFromWarningID](WarningID)  [EC].[fn\_strSubCoachingReasonFromWarningID]( WarningID)  [EC].[fn\_strValueFromWarningID]( WarningID) |
| Code doc | CCO\_eCoaching\_Functions.sql |
| Notes | Use Coaching logs with Multiple Reasons for testing functionality.  SELECT [CoachingID], count(CoachingReasonID)  FROM [EC].[Coaching\_Log\_Reason]  group by [CoachingID]  having count(CoachingReasonID)>1  GO  As of 06/03/2015 the date of unit testing using the following coaching/warning IDs  Coaching  10554  10555  2964  Warning doe in test eCoachingTest DB  SELECT [WarningID], count(CoachingReasonID)  FROM [EC].[Warning\_Log\_Reason]  group by [WarningID]  having count(CoachingReasonID)>1  GO  10  12  18  152 |

| TEST# | ACTION | EXPECTED RESULTS | RESULTS  P/F/I | COMMENTS |
| --- | --- | --- | --- | --- |
| 3.1 | SELECT [eCoachingDev].[EC].[fn\_strCoachingReasonFromCoachingID] (10554)  GO | 4  HR Guideline Issues| Quality| Quality| Quality | P |  |
| 3.2 | SELECT [eCoachingDev].[EC].[fn\_strSubCoachingReasonFromCoachingID] (10554)  GO | 4  Inappropriate NGD Feedback| OMR: Open Calls| OMR: ISG Consults| Privacy | P |  |
| 3.3 | SELECT [eCoachingDev].[EC].[fn\_strValueFromCoachingID] (10554)  GO | 4  Opportunity| Re-In| Re-In| Re-In | P |  |
| 3.4 | SELECT [eCoachingDev].[EC].[fn\_strCoachingReasonFromWarningID] ()  GO | 3  Written Warning| Written Warning| Written Warning | P |  |
| 3.5 | SELECT [eCoachingDev].[EC].[fn\_strSubCoachingReasonFromWarningID] ()  GO | 3  ETS| Attendance| Conduct (including Call Avoidance) | P |  |
| 3.6 | SELECT [eCoachingDev].[EC].[fn\_strValueFromWarningID] ()  GO | 3  Opportunity| Opportunity| Opportunity | P |  |
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## TFS 7136 – Move Submissions to new architecture

| Item | Description |
| --- | --- |
| Test Case ID | 4.0 |
| Change Type | Change Request |
| Change Description | Redesign the eCoaching log submission page.  The architecture and design will be similar to the ecoaching log admin tool. |
| Test Environment | eCoachingDev database on F3420-ECLDBD01 |
| Code Modules created/updated | 2 functions  [EC].[fn\_strDirectUserHierarchy]--upd  [EC].[fn\_intStatusIDFromInsertParams]--new |
| Code doc | fn\_intStatusIDFromInsertParams.sql  fn\_strDirectUserHierarchy.sql |
| Notes |  |
| Useful sql | OPEN SYMMETRIC KEY [CoachingKey]  DECRYPTION BY CERTIFICATE [CoachingCert]  SELECT [Emp\_ID]  ,[Emp\_Site]  ,[Emp\_Job\_Code]  ,[Sup\_ID]  ,[Sup\_Job\_Code]  ,[Mgr\_ID]  ,[Mgr\_Job\_Code]  ,CONVERT(nvarchar(70),DecryptByKey(Emp\_Name)) AS [Emp\_Name]  ,CONVERT(nvarchar(50),DecryptByKey(Emp\_Email)) AS [Emp\_Email]  ,CONVERT(nvarchar(30),DecryptByKey(Emp\_LanID)) AS [Emp\_LanID]  ,CONVERT(nvarchar(70),DecryptByKey(Sup\_Name)) AS [Sup\_Name]  ,CONVERT(nvarchar(50),DecryptByKey(Sup\_Email)) AS [Sup\_Email]  ,CONVERT(nvarchar(70),DecryptByKey(Mgr\_Name)) AS [Mgr\_Name]  ,CONVERT(nvarchar(50),DecryptByKey(Mgr\_Email)) AS [Mgr\_Email]  FROM [EC].[Employee\_Hierarchy]  where emp\_job\_code = 'wacs01'  and active = 'A'  and emp\_id = '217272'  GO  CLOSE SYMMETRIC KEY [CoachingKey]  SELECT [Module]  ,[SourceID]  ,[Source]  ,[SubSource]  ,[isCSE]  ,[Status]  FROM [EC].[Email\_Notifications]E JOIN EC.DIM\_Source S  ON E.Source = S.CoachingSource  AND E.SubSource = S.SubCoachingSource  Where submission = 'UI' |

| TEST# | ACTION | EXPECTED RESULTS | RESULTS  P/F/I | COMMENTS |
| --- | --- | --- | --- | --- |
| 4.1 | SELECT [EC].[fn\_intStatusIDFromInsertParams] (1,107,0) | 4 | P | *Direct*  *Pending emp review* |
| 4.2 | SELECT [EC].[fn\_intStatusIDFromInsertParams] (2,107,0) | 6 | P | *Indirect*  *Pending sup review* |
| 4.3 | SELECT [EC].[fn\_intStatusIDFromInsertParams] (5,128,1) | 5 | P | *Direct*  *isCSE = 1*  *Pending mgr review* |
| 4.4 | SELECT [EC].[fn\_intStatusIDFromInsertParams] (5,128,0) | 4 | P | *Direct*  *Pending emp review* |
| 4.5 | SELECT [EC].[fn\_strDirectUserHierarchy] ('217272','380990') | Yes | *P* |  |
| 4.6 | SELECT [EC].[fn\_strDirectUserHierarchy] ('217452','340426') | No | P |  |
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## TFS 12063 – Add location to site translation for new Phoenix office

| Item | Description |
| --- | --- |
| Test Case ID | 5.0 |
| Change Type | Change Request |
| Change Description | New Site opened in phoenix.  Needed to add translation of the location(address) arriving in Peoplesoft feed to Site value Phoenix in Location to site translation function. |
| Test Environment | eCoachingDev database on F3420-ECLDBD01 |
| Code Modules created/updated | 1function  fn\_strSiteNameFromSiteLocation |
| Code doc | fn\_strSiteNameFromSiteLocation.sql |
| Notes |  |
| Useful sql | OPEN SYMMETRIC KEY [CoachingKey]  DECRYPTION BY CERTIFICATE [CoachingCert]  SELECT [Emp\_ID]  ,[Emp\_Site]  ,[Emp\_Job\_Code]  ,[Sup\_ID]  ,[Sup\_Job\_Code]  ,[Mgr\_ID]  ,[Mgr\_Job\_Code]  ,CONVERT(nvarchar(70),DecryptByKey(Emp\_Name)) AS [Emp\_Name]  ,CONVERT(nvarchar(50),DecryptByKey(Emp\_Email)) AS [Emp\_Email]  ,CONVERT(nvarchar(30),DecryptByKey(Emp\_LanID)) AS [Emp\_LanID]  ,CONVERT(nvarchar(70),DecryptByKey(Sup\_Name)) AS [Sup\_Name]  ,CONVERT(nvarchar(50),DecryptByKey(Sup\_Email)) AS [Sup\_Email]  ,CONVERT(nvarchar(70),DecryptByKey(Mgr\_Name)) AS [Mgr\_Name]  ,CONVERT(nvarchar(50),DecryptByKey(Mgr\_Email)) AS [Mgr\_Email]  FROM [EC].[Employee\_Hierarchy]  WHERE Active = 'A'  AND Emp\_site = 'Phoenix'  AND [Emp\_ID]= '318657'  GO  CLOSE SYMMETRIC KEY [CoachingKey] |

| TEST# | ACTION | EXPECTED RESULTS | RESULTS  P/F/I | COMMENTS |
| --- | --- | --- | --- | --- |
| 5.1 | SELECT [EC].[fn\_strSiteNameFromSiteLocation] ('AZ-Phoenix-2411 West Peoria Av')    GO | Phoenix | P |  |
| 5.2 | SELECT Distinct Emp\_site  FROM [EC].[Employee\_Hierarchy]  WHERE Active = 'A'  AND [Emp\_ID]in  (  '318657',  '265862',  '306688',  '318657',  '319689',  '319913',  '319385',  '414117'  ) | Phoenix | P |  |

## TFS 12316 – Historical dashboard access for select analysts

| Item | Description |
| --- | --- |
| Test Case ID | 6.0 |
| Change Type | Change Request |
| Change Description | Grant Historical dashboard access to select analysts with WPPM% job code and ECL Role in ACL table |
| Test Environment | eCoachingDev database on F3420-ECLDBD01 |
| Code Modules created/updated | 1 function  [EC].[fn\_strGetUserRole] |
| Code doc | fn\_strGetUserRole.sql |
| Notes |  |
| Useful sql | OPEN SYMMETRIC KEY [CoachingKey]  DECRYPTION BY CERTIFICATE [CoachingCert]  SELECT [Emp\_ID]  ,CONVERT(nvarchar(70),DecryptByKey(Emp\_Name)) AS [Emp\_Name]  ,CONVERT(nvarchar(50),DecryptByKey(Emp\_Email)) AS [Emp\_Email]  ,CONVERT(nvarchar(30),DecryptByKey(Emp\_LanID)) AS [Emp\_LanID]  ,emp\_job\_code  FROM [EC].[Employee\_Hierarchy]  WHERE emp\_job\_code like 'WPPM%'  and active = 'A'  select \* from ec.View\_Historical\_Dashboard\_ACL  where user\_lanid = 'jonathan.ramos'  DECLARE @return\_value int,  @rowId int,  @returnCode int,  @returnMessage varchar(300)  EXEC @return\_value = [EC].[sp\_HistoricalDashboardAclInsert]  @userLanId = N'jonathan.ramos',  @userName = N'Ramos, Jonathan',  @userRole = N'ECL',  @createdBy = N'susmitha.palacherla',  @rowId = @rowId OUTPUT,  @returnCode = @returnCode OUTPUT,  @returnMessage = @returnMessage OUTPUT  SELECT @rowId as N'@rowId',  @returnCode as N'@returnCode',  @returnMessage as N'@returnMessage'  SELECT 'Return Value' = @return\_value  GO |

| TEST# | ACTION | EXPECTED RESULTS | RESULTS  P/F/I | COMMENTS |
| --- | --- | --- | --- | --- |
| 6.1 | SELECT \*  FROM [EC].[UI\_User\_Role]  WHERE RoleName = 'Analyst'  GO | RoleId RoleName RoleDescription  110 Analyst WPPM% and ECL Role in ACL | P |  |
| 6.2 | SELECT \*  FROM [EC].[UI\_Role\_Page\_Access]  where roleid = 110  GO | Row with 1 for New Submissions and Historical dashboard | P |  |
| 6.3 | SELECT \*  FROM [EC].[UI\_Dashboard\_Summary\_Display]  where roleid = 110  GO | Row with MySubmisison = 1. All others 0 | P |  |
| 6.4 | Check Role for user with WPPM% job code and NO ECL Role in ACL  SELECT [EC].[fn\_strGetUserRole] ('219789') | Restricted | P | No ECL Role |
| 6.5 | Check Role for user with WPPM% job code and ECL Role in ACL  SELECT [EC].[fn\_strGetUserRole] ('219577') | Analyst | P | ECL Role |
| 6.6 | Login to UI user with WPPM% job code and NO ECL Role in ACL | Only New submission tab | P |  |
| 6.7 | Login to UI user with WPPM% job code and ECL Role in ACL | New submission and Historical dashboard tabs | P |  |
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## TFS 12467 - Assign Manager Role to WPPM job codes

| Item | Description |
| --- | --- |
| Test Case ID | 7.0 |
| Change Type | Change Request |
| Change Description | Program has requested to assign Manager role to WPPM1% job codes. |
| Test Environment | eCoachingDev database on F3420-ECLDBD01 |
| Code Modules created/updated | 1 function  [EC].[fn\_strGetUserRole] |
| Code doc | fn\_strGetUserRole.sql |
| Notes |  |
| Useful sql | OPEN SYMMETRIC KEY [CoachingKey]  DECRYPTION BY CERTIFICATE [CoachingCert]  SELECT [Emp\_ID]  ,CONVERT(nvarchar(70),DecryptByKey(Emp\_Name)) AS [Emp\_Name]  ,CONVERT(nvarchar(50),DecryptByKey(Emp\_Email)) AS [Emp\_Email]  ,CONVERT(nvarchar(30),DecryptByKey(Emp\_LanID)) AS [Emp\_LanID]  ,emp\_job\_code  FROM [EC].[Employee\_Hierarchy]  WHERE emp\_job\_code like 'WPPM%'  and active = 'A'  SELECT [Emp\_ID]  ,CONVERT(nvarchar(70),DecryptByKey(Emp\_Name)) AS [Emp\_Name]  ,CONVERT(nvarchar(30),DecryptByKey(Emp\_LanID)) AS [Emp\_LanID]  ,emp\_job\_code  FROM [EC].[Employee\_Hierarchy]  WHERE CONVERT(nvarchar(30),DecryptByKey(Emp\_LanID))= 'joseph.barnes'  --OPEN SYMMETRIC KEY [CoachingKey] DECRYPTION BY CERTIFICATE [CoachingCert]  SELECT [EC].[fn\_strGetUserRole] ('333592')    GO |

| TEST# | ACTION | EXPECTED RESULTS | RESULTS  P/F/I | COMMENTS |
| --- | --- | --- | --- | --- |
| 7.1 | SELECT \*  FROM [EC].[UI\_User\_Role]  WHERE RoleName = 'Manager'  GO | RoleId RoleName RoleDescription  104 Manager %50 or %60 or %70 or WEEX% or WISO% or WISY% or WPWL% or WSTE% or WPPM% | P |  |
| 7.2 | Check Role for user with WPPM% job code and NO ECL Role in ACL  SELECT [EC].[fn\_strGetUserRole] ('333592')  GO | Manager | P |  |
| 7.3 | Login to UI user with WPPM% job code and NO ECL Role in ACL but has direct reports. | New submission, My submitted and Historical dashboard tabs. Able to review logs in hierarchy only. | P |  |
| 7.4 | Login to UI user with WPPM% job code and ECL Role in ACL. No direct reports. | New submission, My submitted and Historical dashboard tabs. Able to review logs in hierarchy only. Able to review all logs | P |  |
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